

Yasuji MORIMOTO*: Note on rust flora of Japan (V)

森本泰二*: 日本産锈菌雑記 (5)

25. **Coleosporium campanulae** Lév. ex Kick, Fl. Flandres. 2: 54, 1867.
Hab. II. on *Phyteum japonicum* Miq. (Shide-shajin). Mt. Sobo, Pref. Miyazaki (Aug. 10, 1966; New host for this fungus).
26. **Phragmidium paucicoculare** (Diet.) Sydow, Monogr. Ured. 3: 138 & pl. VI, fig. 60, 1912.
Hab. III. on *Rubus yoshinoi* Koidzumi (Kibino-nawashiro-ichigo). Taisaku, Pref. Hiroshima (Oct. 10, 1963; New host for this fungus!).
27. **Puccinia caricis-gibbae** Diel in Ann. Myc. 4: 305, 1906.
Hab. II, III. on *Carex dimorpholepis* Steud. (Azenaruco-suge). Mochinoki, Sandankyo, Pref. Hiroshima (Sept. 23, 1962; New host for this fungus!).
28. **Puccinia coronata** Corda, Icon. Fung. 1: 6, 1837.
Hab. II, III. on *Bromus remotiflorus* Ohwi (Kitsune-gaya). Yoshida-cho, Pref. Hiroshima (Sept. 23, 1962; New host for this fungus!). Hab. II. on *Brachypodium japonicum* Miq. (Yamakamoji-gusa). Summit of Mt. Koriyama, Pref. Hiroshima (Jun. 18, 1967). Kamiirie, Pref. Hiroshima (Jun. 14, 1967).
Hab. O, I. on *Rhamnus crenata* Sieb. et Zucc. (Isonoki). Summit of Mt. Koriyama, Pref. Hiroshima (Jun. 18, 1967). Kamiirie, Pref. Hiroshima (Jun. 10, 1967). Hisuwa, Yoshida-cho, Pref. Hiroshima (Jun. 7, 1967).
Acidiospores from *Rhamnus crenata* were sown on the leaves and stems of *Brachypodium japonicum*, *Calamagrostis arundinacea* var. *brachitricha*, *Avena sativa*, *Lolium multiflorum* on the 19, Jun. in the field. Only *Brachypodium japonicum* was inoculated on the 14th of August.
29. **Puccinia eleocharidis** Arthur in Bull. Iowa Agric. Coll. p. 156, 1884.
Hab. III. on *Eleocharis pellucida* Presl (Hari-i). Hisuwa, Yoshida-cho, Pref. Hiroshima (Sept. 26, 1962; New to Honshu!).
30. **Puccinia flavipes** P. et H. Sydow in Sydow & Butler in Ann. Myc. 5: 497, 1907.
Hab. II, III. on *Fimbristylis annua* Roem. et Schult. (Tentsuki). Yoshida-

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cho, Pref. Hiroshima (July 14, 1962); Hisuwa, Pref. Hiroshima (July 15 & Sept. 26, 1962; New to Honshu!).

31. **Puccinia kyllingiae-brevifoliae** (Dietel) Miura ex S. Ito & Homma in Transact. Sapporo Nat. Soc. 15: 128, 1938.

Status Soris=Uredosporiferis

Soris teleutosporiferis amphigenis, plerumque ephyllis, sparsis, minutis 0.1-0.2 mm. longis, epidermide tectis, rarius nudis, atris, pulvinatis compactis; teleutosporis oblongis vel clavatis, apice rotundatis vel truncatis, medio constrictis, basi attenuatis, 40-63×11-19 μ ; apice usque 3-8.5 μ , pedicello hyalino vel pallide-flavidis, non vel 17-34 μ longo. Mesosporis immixtis.

Hab. III. on *Kyllingia, brevifolia* Rottb. (Hime-kugu). Yoshida-cho, Pref. Hiroshima (Oct. 27, 1963 in Herb. Fac. of Agriculture Yamaguchi Univ.).

32. **Puccinia microspora** Dietel in Bot. Jarb. 27: 101, 1905.

Hab. II, III. on *Imperata cylindrica* Beauv. var. *Koenigii* Durand et Schinz. (Chigaya). Mirasaka, Pref. Hiroshima (Oct. 15, 1962). Kamiirie, Pref. Hiroshima (Oct. 15, 1962; New host for this fungus!).

33. **Puccinia recondita** Roberge ex Desmazieres in Bull. Soc. Bot. Fr. 4: 798, 1857.

Syn. *Puccinia ishikariensis* S. Ito.

Hab. II, III. on *Molinopsis japonica* Hayata (Numagaya). Yawata-kogen, Pref. Hiroshima (Nov. 7, 1964; New to Honshu!).

Host was ascertained after the stem with rust fungi had been cultivated during a year.

Hab. II, III. on *Calamagrostis arundinacea* Roth. var. *sciurooides* Hack. (Saitogaya). Funasa & Hisuwa, Pref. Hiroshima (Oct. 16, 1949; Nov. 4, 1957; New host for this fungus!).

34. **Puccinia pusilla** P. et H. Sydow in P. et H. Sydow & Butler in Ann. Myc. 4: 435, 1906.

Hab. II, III. on *Bothriochloa parviflora* Ohwi (Himeabura-susuki). Himi, Oshima, Pref. Yamaguchi (Nov. 22, 1964; New host for this fungus!).

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日本産錆菌類で寄生の新たにわかったもの 8 種、内地新産種 2 種を報告した。 *Puccinia cornata* はイソノキの 0, I 時代はヤマカモジグサの II, III 時代と関連をもつ。 *Puccinia kyllingiae-brevifoliae* は II 時代のみ知られていたが III 時代がわかったので記載を補足した。標本は山口大学農学部に保管する。